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## Claims

 (Original) A method of operating a mobile communication device, comprising the steps of:

transmitting over-the-air that a virtual bearer mode of operation is supported; receiving a response; and selectively operating in a virtual bearer mode depending upon the response.

- 2. (Original) The method according to claim 1, wherein the mobile device includes a first controller maintaining the integrity of the radio link and a second controller converting between over-the-air and internal forms, and wherein said step of selectively operating includes communicating between the first controller and the second controller via a virtual bearer in the virtual mode and communicating between the first controller and the second controller independently of the virtual bearer in a transparent mode.
- (Currently Amended) The method according to claim 1, wherein the virtual bearer mode is initiated in response to a response indicating a streaming bearer will be established.
  - (Original) A mobile communication device, comprising:
  - a radio link controller coupled to lower layers;
- a virtual bearer including a buffer storing at least one logical link controller frame of a communication signal; and
- a logical link controller coupled to the virtual bearer for receiving logical link controller frames from the logical link controller;

wherein the virtual bearer is operative to apply flow control to the lower layers in order to maintain a predetermined queue state target.

- 5. (Currently Amended) A mobile communication device, comprising:
- a radio link controller coupled to lower layers;
- a virtual bearer including a buffer storing at least one logical link controller frame of a communication signal; and
- a logical link controller coupled to the virtual bearer for receiving logical link controller frames there from frames therefrom;

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wherein the virtual bearer is operative to apply flow control to the lower layers and is responsive to a determination that a cell change is imminent.

- (Original) The mobile communication device as defined in claim 5, wherein the determination is received from a network.
- 7. (Original) The mobile communication device as defined in claim 5, wherein the determination is made by the mobile.
- (Original) The mobile communication device as defined in claim 7, wherein the determination is made using a predictive algorithm.
- 9. (Original) A method of operating a communication system including a network element, comprising the steps of:

determining that a virtual bearer is required on the downlink; and transmitting the virtual bearer type.

- 10. (Original) The method of claim 9, wherein the step of transmitting includes transmitting an indication of a streaming bearer type for streaming data.
- 11. (Original) The method of claim 9, wherein the step of transmitting includes transmitting an indication of background bearer type for background data transmission.
- 12. (Original) The method of claim 9, wherein the step of transmitting includes transmitting an indication of no virtual bearer for interactive data.
- 13. (Original) The method of claim 10, further including the step of overdimensioning the downlink signal to accommodate cell change by the mobile during a streaming bearer type of virtual bearer mode of operation.
- 14. (Original) A method of operating a communication system including a network element, comprising the steps of:

determining that a virtual bearer is required on the downlink; and over-dimensioning the downlink signal to accommodate a cell change by the mobile during a virtual bearer mode of operation. Serial No. 10/712,636 Page No. 4

- 15. (Original) The method of claim 14, further including the step of not overdimensioning the downlink signal to accommodate a cell change by the mobile during a background bearer type of virtual bearer mode operation.
- 16. (Original) A method of operating a mobile communication device, comprising: storing at least one frame of a communication signal received from a network; and applying flow control to the lower layers in a virtual bearer responsive to a determination that a cell change is imminent.
  - 17. (Original) A method of operating a mobile communication device, comprising: receiving a downlink streaming signal at a first data rate; and outputting the signal at a slower rate during at least a portion of the transmission.